



U.S. Army Corps  
of Engineers,  
Huntsville Center

# U.S. Army Engineering and Support Center, Huntsville

## *Installation Support*





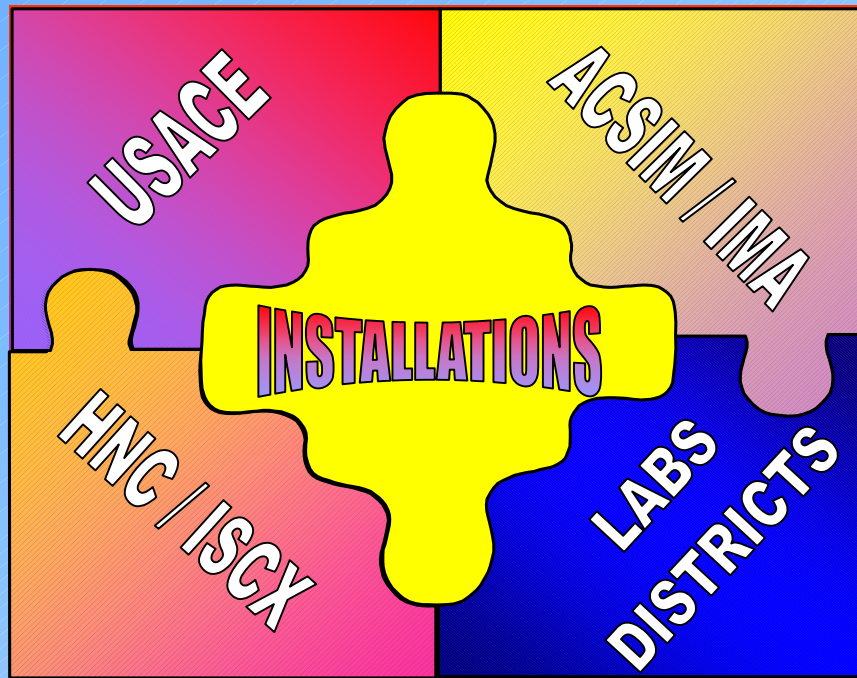
# U.S. Army Engineering and Support Center, Huntsville

*Huntsville Center* -- The HNC charter includes those programs that:

- Are national or broad in scope.
- Require integrated programs that cross geographic Division boundaries.
- Require commonality, standardization, multiple-site adaptation, or technology transfer.
- Require a centralized management structure.
- Require unique functions not normally accomplished by other USACE elements.



# Installation Support



*Huntsville Center .....*

- partners with Corps Districts and Labs.*
- links business practices and innovative processes.....*

*in support of installations.*

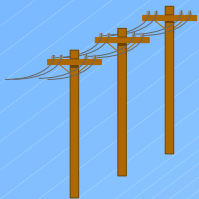


**U.S. Army Corps  
of Engineers,  
Huntsville Center**

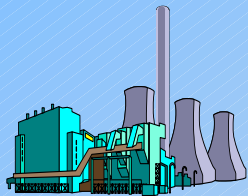
# **Installation Support Center of Expertise (ISCX)**



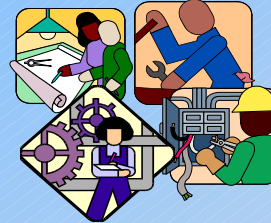
**Contingency Support  
Competitive Sourcing (A-76)  
DPW Legal**



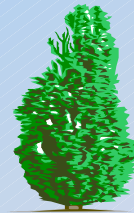
**Utilities Privatization  
Energy Savings Performance  
Contracts (ESPC)**



**Utilities Acquisition and Sales  
Utility Monitoring and Control  
Systems (UMCS)  
Heating, Ventilation & Air  
Conditioning (HVAC)  
Physical Security  
Electronic Security Systems  
Fire Alarm Systems**



**Master Planning  
DD Form 1391 Support  
Facility Standards and Criteria  
Facility Repair and Renewal  
Fac Oper and Maintenance  
ROOFER  
Fire Protection  
DPW Supply and Equipment  
Furniture and Furnishings**



**Ranges and Training Areas  
Environmental**



# Huntsville Center

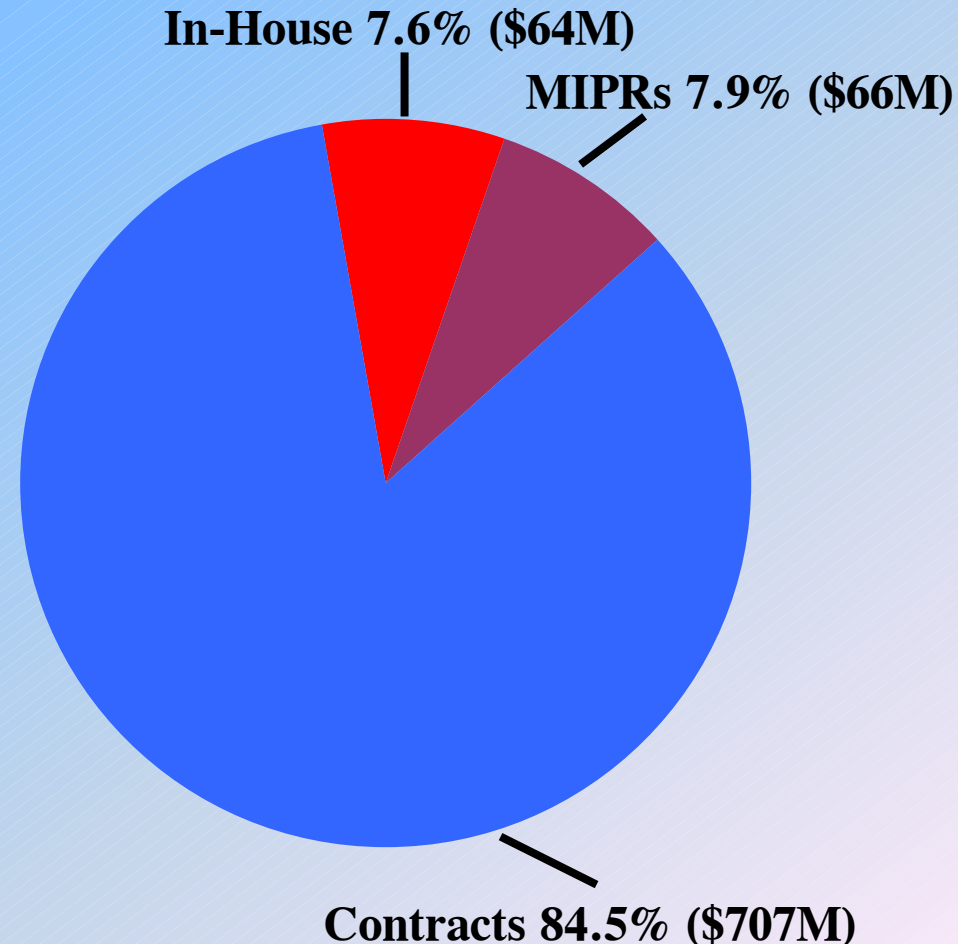
## FY02 Obligations

### Support to Installations 481M\*

Medical	213
Ordnance	63
Electronic Tech	62
Repr & Renewal	48
Energy	27
Furniture	24
Ranges	21
Environment	14
DD 1391 Spt	6
Fac Stds/Criteria	3

Chem Demilitarization	273M
Ballistic Missile Defense	31M
Training	15M
Others	37M

**Total \$837M**



\* Does not include \$36M of ESPC contractor funded investment



# Operate Like a Business

Life-cycle  
PM

- Focus on customers' needs
- Business processes
- Innovative contracting
- Partnerships that reduce boundaries
- Quantifiable Team measures of success
- Reward employees based on their Team's success
- Continuous improvement

Quality and  
Efficient Services





# Facility Repair and Renewal

- **Performance-based ID/IQ contracting**
  - **Government specifies what is to be achieved**
  - **Contractor specifies how (work plan)**
  - **Government approves the work plan**
- **Contractor competes subcontract work among local contractors -- submits cost proposal using low bid subcontractors**
- **Government negotiates construction cost**
- **Team with Districts for project management and on-site inspection**
- **Contractor guarantees that execution of the work plan will satisfy performance requirements**
- **Savings compared to AE design-IFB (cost approximately 12% less, time 6-9 months)**
- **No task order dollar limit (best for projects \$250K to \$5M)**

**Program Manager: 256-895-1541**



# Facility Repair and Renewal

## Customers

### DoD Installations

- **Army**
- **Air Force**
- **Army Reserves**
- **Navy**
- **Marines**
- **National Guard**

### Support For Others

- **Kennedy Center**
- **DC Schools**
- **State Department**
- **General Accounting Office**
- **Veteran's Administration**





# Energy Savings Performance Contracting (ESPC)

- Contractor funds and provides infrastructure improvements and energy-saving equipment, and maintains them in exchange for a portion of the energy savings generated
- Contractor-funded investment = \$406M
- Government share of energy savings = \$118M
- ESPC Quick Start
  - Allows installations to determine the potential for ESPC investment and cost avoidance with a minimum commitment of time and money
  - Specific listing of projects, costs and timelines
  - Early informed decision by Garrison management

**Program Manager: 256-895-1338**



# Energy Savings Performance Contracting (ESPC)

## Customers

### DoD Installations

- Army
- Army Reserves
- Army National Guard
- Air Force
- Navy
- Defense Commissary Agency
- Defense Logistics Agency

### Support for Others

- Department of Transportation
- Department of Veterans Affairs
- John F. Kennedy Center for the Performing Arts



# Utility Systems Privatization

- **Privatization is the transfer of ownership of utility plants and systems to a municipality or contractor, who then becomes responsible for operations, maintenance and improvements.**
- **Provide management, legal, engineering, economic analysis and contracting support to privatize utility systems where economically feasible.**

**Program Manager: 256-895-1325**



# Utility Systems Privatization

## Customers

- **Fort Bragg**
- **Fort Campbell**
- **Fort Carson**
- **Fort Irwin**
- **Fort McPherson/Gillem**
- **Fort Polk**
- **Fort Stewart/Hunter AAF**
- **US Military Academy**



# Electronic Technology Systems Center

- **Expertise in Electronic Security, Utilities Monitoring and Control, and Fire Alarm Systems -- in-house and contractors**
- **Right project scope – meets requirements at lowest cost**
- **Latest technology – properly applied**
- **Life cycle support -- HNC, Protective Design Center (Omaha), and Districts**
  - **Scope definition, site surveys, designs, procurement and installation, maintenance and monitoring**
- **Installation Access Control Points (ACP) Equipment Program**

**Program Manager: 256-895-1756**



# Electronic Technology Systems Center

## Customers

### Department of Defense

**Pentagon Renovation**  
**Army Installations**  
**US Army Europe**  
**US Forces Korea**  
**US Army Japan**  
**US Southern Command**  
**California Army National Guard**  
**Texas Army National Guard**  
**Chemical Storage / DEMIL**  
**National Missile Defense**  
**Civil Works**  
**Naval Facilities Engineering  
Services Center**  
**Armed Forces Radiobiological  
Research Institute**

### Support for Others

**John F. Kennedy Center**  
**Smithsonian Institution**  
**Federal Bureau of Investigation**  
**Bureau of Reclamation**  
**US Customs Service**  
**Immigration and Naturalization  
Service**  
**US Department of Agriculture**  
**Bureau of Land Management**  
**National Oceanographic and  
Atmospheric Administration**  
**Veteran's Administration**  
**General Services Administration**  
**Food and Drug Administration**  
**2002 Olympics in Utah**





# Ranges and Training Lands

- **Unique expertise -- in-house and contractors**
- **Programmatic support to HQDA ODCSOPS**
- **Life-cycle support to MACOMs and IMA**
  - **Bridge between trainers and engineers**
  - **Real property and RTLP planning and requirements analyses**
  - **MILCON program development (DD Forms 1391)**
  - **Standard designs**
  - **Construction interface (G3/DPTM / District / DPW / Contractor / Target Provider)**
  - **O & M support**
  - **Ordnance and explosives**
- **Dedicated teaming with Louisville, Sacramento, Mobile and European Districts**

**Program Manager: 256-895-1535**



# Ranges and Training Lands

## Customers

- **ODCSOPS (DAMO-TRS)**
- **MACOMs (G3 & DPTM)**
  - FORSCOM
  - TRADOC
  - USAREUR
  - NGB
  - USARC
  - EUSA
  - USMA
  - USARPAC
- **Installations (G3 & DPTM)**
- **Other Agencies**
  - Navy and USMC
  - Air Force and Air Force Reserve Command
  - Immigration and Naturalization Service
  - Dept of Energy



# Environmental Program

- **Manage and provide various environmental services focusing on studies and remediation**
  - **Services include baseline studies, design, construction oversight, operation and maintenance of pollution abatement facilities, and compliance surveys**
- **Partners with local Districts for execution**

**Program Manager: 256-895-1463**



# Environmental Program

## Customers

- New Cumberland Army Depot
- Richmond Army Depot
- Memphis Depot
- Sharpe Army Depot
- Tracy Army Depot
- Baton Rouge Depot
- Curtis Bay Depot
- Fort Worth Depot
- Hammond Depot
- Marietta Depot
- New Haven Depot
- Point Pleasant Depot
- Scotia Depot
- Sharonville Depot
- Somerville Depot
- Seneca Depot
- Binghamton Depot
- John F. Kennedy Center



# **BARRACKS FURNISHINGS**

- **Provide furniture and furnishings for new and renovated barracks world-wide.**
  - **Maintain specifications**
  - **Order preparation support**
  - **Centralized procurement**
  - **Delivery directly to installation**
  - **Quality assurance**
  - **Training of installation personnel**
- **Cost savings through informed buying, standardization, and volume purchasing**

**Program Manager: 256-895-1552**



# BARRACKS FURNISHINGS

## Customers

- **Assistant Chief of Staff for Installation Management (ACSIM)/Installation Management Agency (IMA)**
- **Installations in Continental US, Hawaii, Alaska, Europe and Korea**